DPM 3161

DAC 25-1837 (REV. 8-70)

JAN 27 1982 JAN 29 1982

HAZARDOUS MATERIALS DATA SHEET

(PLEASE COMPLETE APPLICABLE SECTIONS)

1. PRODUCT NAME, NUMBER, SYNONYM: Process DS-L

2. MANUFACTURER'S NAME: Allied-Kelite Products

3. MANUFACTURER'S ADDRESS: 1250 N. Main St., Los Angeles, Calif. 90012

4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Flush down area with water.

5. TRANSPORTATION AND STORAGE REQUIREMENTS: No special requirements necessary

6. FIRST AID TREATMENT:

A. SKIN CONTACT: Wash with soap and water.

B. EYE CONTACT: Flush with large amounts of water for at least 15 min. Obtain Medical Attention.

C. INHALATION: Remove to fresh air source

D. ANTIDOTE IN CASE OF SWALLOWING: Do not use emetics. Give water diluted with vinegar, lemon or orange juice. Follow with milk, olive oil or whites of eggs beaten with water. Obtain medical attention.

7. PHYSIOLOGICAL PROPERTIES:

A. ACUTE ORAL TOXICITY: May be poisonous if ingested

B. LOCAL EFFECTS UPON EYES: Can cause burns

C. LOCAL EFFECTS UPON SKIN: Can cause burns

D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): Unknown

E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Sulfide odor

F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): Unknown

8. CHEMICAL AND PHYSICAL PROPERTIES:

A. SPECIFIC GRAVITY (WATER = 1) approx. 1.40 B. VAPOR DENSITY (AIR =1) Unknown

C. VAPOR PRESSURE mm Hg AT 25°C. Unknown D. pH 13

E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:
Contains caustic potash - will attack aluminum, lacquers, enamels and fabrics.

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
Caustic potash	over 30%
Sodium sulfide	less than 10%
Nonionic surfactants	less than 5%
Amine soaps	less than 5%
Water	Balance

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION?
No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE:
Avoid contact with skin, eyes and clothing.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Gloves, aprons and eye goggles

11. A. FLASHPOINT °F: CLOSED CUP None ; OPEN CUP None ; IF F.P, CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER N/A ; UPPER N/A

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES ; NO XXX

D. FIRE POINT °F None ; AUTO IGNITION TEMPERATURE °F None

E. VAPOR DENSITY Unknown

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES?
Carbon dioxide and water.

G. SUITABLE EXTINGUISHING AGENTS: Product will not support combustion.

12. INFORMATION FURNISHED BY: Harry R. Pikaar

TITLE: Laboratory Manager

COMPANY: Allied-Kelite Products

ADDRESS: 1250 N. Main St., Los Angeles, Calif. 90012

DATE: 24 November 1971

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.